

Elite EI

Brochure of Standard



Best Chip Security

EAL 5+ is a known upper limit for current technical products.

Elite EI is equipped with the most advanced 16-bit smart card chip reaching EAL 5+ in the global hi-tech sector, that practically enable Elite EI with the outstanding effectiveness in resisting of major attacks such as Electronic Attack (SPA and DPA), Probe Attack (SiShell), Chip Dissection and Debug Port.



Code-Port Solution

Code Port is an evolutionary technique of transferring key codes of protected software to a dongle under secure communication.

When a corresponding dongle is plugged, the protected application will call specific API functions to run key codes and data stored in the dongle and return legal results, so as to complete the full operation of the protected application. As those code and data stored in the dongle do not have copies at the PC end, malicious crackers are unable to get algorithms or data by physical interception.



Handy Remote Update

You can update the encrypted data remotely without callback of dongles. Furthermore, the updating process is reliable and secure that greatly improves work efficiency and saves the management and logistics costs. Intercept any valid information.



Smart Technology

As distinguished from conventional chip, Elite EL smart card chip contains high performance cryptographic algorithm accelerator or coprocessor. A smart card chip can be taken as a highly integrated mini PC. Now, let us see how smart it is.

- **Automatic Self-locking Mechanism**

The access to the chip is protected by PIN, and the maximum re-tries is pre-set by software developers. For instance, under a dictionary attack, once re-tries exceed the pre-set value, the chip will trigger of a self-locking mechanism and block all external running operations.

- **Global Unique Serial Number**

A global unique SN which cannot be altered or rewritten is assigned to a smart card chip only. This puts an end to the piracy and enables the effective management on the released chips.

- **Hardware Random Number Generator (White Noise Technology)**

It produce more security random number, then more security solution can be made with it.

- **Built-in Timer**

Timer is a useful component for software protection that applies to time-limited usage and ant-tracking. Elite IV has a built-in timer lasting more than 10 hours that sustains much longer than similar products of competitors.

- **Driverless**

Windows, Linux, Mac

- **Program Languages Supported**

C, C++, C#, Delphi, Java, VB, VC, PB ,.Net and more. Contact us for extra supports.

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